

What is Claimed is:

1. A structure for engaging and releasing first and second connectors with each other on a circuit board comprising:

the first connector accommodating a terminal to be
5 connected to the circuit board;

the second connector on which a flat circuit body is mounted; and

a leg portion provided at the second connector for supporting the second connector on the circuit board,

10 whereby a gap is formed between the flat circuit body and the circuit board when the second connector being supported on the circuit board by said leg portion.

2. The structure as claimed in claim 1, wherein said leg portion also serves as a projection for positioning the flat 15 circuit body, and a locking hole for engaging with the projection is formed on the flat circuit body.

3. The structure as claimed in claim 1, wherein a guiding groove for receiving the leg portion is formed at the first connector.

20 4. The structure as claimed in claim 1, wherein a guiding part for receiving the second connector in a sliding manner is formed at an end of an opening of the first connector, an engaging part for being inserted into the opening is formed at the second connector, and an inclined part for sliding the guiding part there along is formed at an end of the engaging part.

5. The structure as claimed in claim 4, wherein the guiding part and the inclined part respectively have a surface inclining in the same direction.

6. The structure as claimed in claim 1, wherein an adhesive 5 surface is formed on one surface of either the second connector or a cover of the flat circuit body, and a mating surface to be adhered is formed on the other surface for joining the flat circuit body and the second connector with each other.

7. The structure as claimed in claim 1, wherein the second 10 connector includes a locking lever for maintaining a state of engagement of the connectors, and a releasing part for releasing the engagement thereof, wherein said locking lever and a vertical wall for protecting the releasing part from external interference are provided on a wall of the second connector.

15 8. The structure as claimed in claim 7, wherein the vertical walls are provided for surrounding the locking lever and the releasing part.

9. The structure as claimed in claim 7, wherein the vertical 20 walls facing each other standing from both sides of the releasing part are formed at positions spaced from the releasing part for allowing a finger to be inserted into a working space inside the vertical wall.

10. The structure as claimed in claim 7, wherein a height of the vertical wall is equivalent at least to that of the releasing 25 part.

11. The structure as claimed in claim 7, wherein a concave of a notch shape through which the finger escapes is provided on the vertical walls.

12. The structure as claimed in claim 7, wherein a pushing 5 wall for pushing the second connector in the engaging direction is provided at a back side of the second connector, wherein by pushing the pushing wall in the engaging direction, the second connector is inserted into the first connector to be engaged with each other.

10 13. The structure as claimed in claim 12, wherein the pushing wall is extended to and continued to side walls of the both sides of the second connector.

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